

Resolution No.: 16-1359  
Introduced: April 6, 2010  
Adopted: May 20, 2010

**COUNTY COUNCIL  
FOR MONTGOMERY COUNTY, MARYLAND**

By: Council President at the Request of the County Executive

**SUBJECT:** Amendment to the FY09-14 Capital Improvements Program and Supplemental Appropriation #12-S10-CMCG-6 to the FY10 Capital Budget  
Montgomery County Government  
Department of Transportation  
Resurfacing: Residential/Rural Roads (No. 500511), \$6,716,000

**Background**

1. Section 307 of the Montgomery County Charter provides that any supplemental appropriation shall be recommended by the County Executive who shall specify the source of funds to finance it. The Council shall hold a public hearing on each proposed supplemental appropriation after at least one week's notice. A supplemental appropriation that would comply with, avail the County of, or put into effect a grant or a Federal, State, or County law or regulation, or one that is approved after January 1 of any fiscal year, requires an affirmative vote of five Councilmembers. A supplemental appropriation for any other purpose that is approved before January 1 of any fiscal year requires an affirmative vote of six Councilmembers. The Council may, in a single action, approve more than one supplemental appropriation. The Executive may disapprove or reduce a supplemental appropriation, and the Council may reapprove the appropriation, as if it were an item in the annual budget.
2. Section 302 of the Montgomery County Charter provides that the Council may amend an approved capital improvements program at any time by an affirmative vote of no fewer than six members of the Council.
3. The County Executive recommends the following capital project appropriation increases:

<u>Project Name</u>	<u>Project Number</u>	<u>Cost Element</u>	<u>Amount</u>	<u>Source of Funds</u>
Resurfacing:				
Residential/Rural Roads	500511	PDS	\$ 525,000	G.O. Bonds
Resurfacing:				
Residential/Rural Roads	500511	Construction	<u>\$2,975,000</u>	G.O. Bonds
TOTAL			\$3,500,000	G.O. Bonds

4. This increase is needed to add funding to address a decline in the condition of the residential/rural road network that has been exacerbated by the harsh winter of 2009-2010. A recent review of residential pavements has shown that pavement related distress (cracking, potholing, etc.) has accelerated greatly due to the recent winter freeze/thaw cycles combined with the use of deicing agents; hence further degrading the condition of residential roads countywide. The recommended amendment is consistent with the criteria for amending the CIP because the project addresses an urgent safety concern.
5. The County Executive has requested an amendment to the FY09-14 Capital Improvements Program and a supplemental appropriation in the amount of \$3,500,000 for the Resurfacing Residential/Rural Roads project (No. 500511) and specifies that the source of funds will be G.O. Bonds.
6. Notice of public hearing was given and a public hearing was held on April 27, 2010.

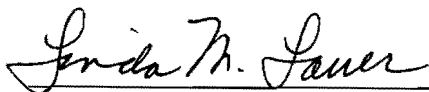
### Action

The County Council for Montgomery County, Maryland, approves the following action:

The FY09-14 Capital Improvements Program of the Montgomery County Government is amended as reflected on the attached project description forms and a supplemental appropriation is approved as follows:

<u>Project Name</u>	<u>Project Number</u>	<u>Cost Element</u>	<u>Amount</u>	<u>Source of Funds</u>
Resurfacing:				
Residential/Rural Roads	500511	PDS	\$1,007,000	G.O. Bonds
Resurfacing:				
Residential/Rural Roads	500511	Construction	<u>\$5,709,000</u>	G.O. Bonds
TOTAL			\$6,716,000	G.O. Bonds

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

**Resurfacing: Residential/Rural Roads -- No. 500511**

Category  
Subcategory  
Administering Agency  
Planning Area

Transportation  
Highway Maintenance  
Transportation  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

March 22, 2010  
No  
None.  
On-going

**EXPENDITURE SCHEDULE (\$000)**

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	7151 → -8,043	15	409	7,440	993	2585	756	539	1,277	1,277	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	35672 → 28,248	7,196	113	28,925	5,065	12,671	1,744	1,995	4,723	4,723	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>46,294</b>	<b>7,211</b>	<b>522</b>	<b>35,558</b>	<b>6,058</b>	<b>12,671</b>	<b>2,500</b>	<b>6,000</b>	<b>21,506</b>	<b>6,000</b>	<b>*</b>

**FUNDING SCHEDULE (\$000)**

Current Revenue: General	333	309	24	0	0	0	0	0	0	0	0
G.O. Bonds	40891 → -44,341	5,285	498	35,558	6,058	15,216	2,500	2534	6,000	2150	6,000
PAYGO	1,617	1,617	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>46,294</b>	<b>7,211</b>	<b>522</b>	<b>35,558</b>	<b>6,058</b>	<b>15,216</b>	<b>2,500</b>	<b>2534</b>	<b>6,000</b>	<b>2150</b>	<b>6,000</b>

**DESCRIPTION**

This project provides for the permanent patching and resurfacing of rural and residential roadways using durable hot mix asphalt to restore long-term structural integrity to the aging rural and residential roadway infrastructure. The County maintains a combined total of 3,885 lane miles of rural and residential roads. The department estimates that 2,006 lane miles (52 percent) of rural / residential pavement requires significant levels of preventive maintenance to safeguard the infrastructure from incremental failure requiring more costly rehabilitative / reconstruction efforts. Preventative maintenance includes full-depth patching of distressed areas of pavement in combination with a new hot mix asphalt wearing surface of 1-inch to 2-inch depending on the levels of observed distress. Rural and residential roads that have been rated as "fair condition" (level 3) are ideal candidates for preventive maintenance.

**CAPACITY**

This project will not affect the capacity of the rural and residential road network. However, additional lane miles of rural and residential road will be added to the existing inventory as new roads are accepted by Executive Order.

**COST CHANGE 6,716**

This increase of \$2.5 million from a FY10 supplemental is needed to add funding to address a decline in the condition of the residential/rural road network that has been exacerbated by the harsh winter of 2009-2010.

**JUSTIFICATION**

The Department of Transportation (DOT) has undertaken a sample study of rural and residential road pavement conditions utilizing a pavement condition rating system based upon types of observed distress (i.e., areas of pavement fatigue, base and sub-base failures, cracking, spalling, patches, and profile) and extent of observed distress (i.e., percentage of surface area exhibiting various forms of distress). Based upon levels of observed pavement distress, pavements are rated very good (level 5), good (level 4), fair (level 3), poor (level 2), and very poor (level 1). The study included a cross section of approximately 6 percent of the residential road inventory (248 lane miles). The study, which is deemed representative of the residential road inventory as a whole, will be expanded to include the entire rural / residential road inventory of 3,885 lane miles. The expanded study, to be conducted by a consultant, is expected to be completed by August 2008.

**OTHER**

The design and planning stages, as well as project construction, will comply with the DOT, Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State and Highway Officials (AASHTO), and American with Disabilities Act (ADA). Rural/residential road mileage has been adjusted to conform with the State inventory of road mileage maintained by MSHA. This inventory is updated annually. Expenditures will continue indefinitely.

**FISCAL NOTE**

Prior FY10 Supplemental of \$3,000,000 was approved to advance FY11 expenditures.

**OTHER DISCLOSURES**

- \* Expenditures will continue indefinitely.

**APPROPRIATION AND EXPENDITURE DATA**

Date First Appropriation	FY05	(\$000)
First Cost Estimate	FY10	42791
Current Scope		46,294
Last FY's Cost Estimate		42,791
Appropriation Request	FY10	5,500
Supplemental Appropriation Request		6716 6,000
Transfer		0
Cumulative Appropriation		16,791
Expenditures / Encumbrances		12,657
Unencumbered Balance		4,134
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	0
Total Partial Closeout		0

**COORDINATION**

Washington Suburban Sanitary Commission  
Washington Gas Light Company  
PEPCO  
Cable TV  
Verizon  
United States Post Office

**MAP**